

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/0/4,162A
Source: 1Fw/6
Date Processed by STIC: 8/15/05

ENTERED



IFW16

RAW SEQUENCE LISTING DATE: 08/15/2005
 PATENT APPLICATION: US/10/014,162A TIME: 11:56:38

Input Set : A:\NIH175.001C1 SEQLIST.TXT
 Output Set: N:\CRF4\08152005\J014162A.raw

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4 <110> APPLICANT: Usdin, Ted B.
5      Hoare, Samuel R.J.
7 <120> TITLE OF INVENTION: PARATHYROID HORMONE RECEPTOR LIGANDS
10 <130> FILE REFERENCE: NIH175.001C1
12 <140> CURRENT APPLICATION NUMBER: US 10/014,162A
13 <141> CURRENT FILING DATE: 2001-12-11
15 <150> PRIOR APPLICATION NUMBER: PCT/US00/16776
16 <151> PRIOR FILING DATE: 2000-06-15
18 <150> PRIOR APPLICATION NUMBER: US 60/139,335
19 <151> PRIOR FILING DATE: 1999-06-15
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23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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27 <212> TYPE: PRT
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33 Leu Ala Ala Leu Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys
34          20          25          30
35 Leu Leu Val Leu Asp Ala Pro
36          35
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40 <211> LENGTH: 38
41 <212> TYPE: PRT
42 <213> ORGANISM: Bos taurus
44 <400> SEQUENCE: 2
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46 1          5          10          15
47 Ala Ala Leu Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu
48          20          25          30
49 Leu Val Leu Asp Ala Pro
50          35
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 37
55 <212> TYPE: PRT
56 <213> ORGANISM: Bos taurus
58 <400> SEQUENCE: 3
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60 1          5          10          15
61 Ala Leu Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu
62          20          25          30

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63 Val Leu Asp Ala Pro
64      35
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69 <212> TYPE: PRT
70 <213> ORGANISM: Bos taurus
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74  1      5      10      15
75 Leu Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val
76      20      25      30
77 Leu Asp Ala Pro
78      35
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 35
83 <212> TYPE: PRT
84 <213> ORGANISM: Bos taurus
86 <400> SEQUENCE: 5
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88  1      5      10      15
89 Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val Leu
90      20      25      30
91 Asp Ala Pro
92      35
95 <210> SEQ ID NO: 6
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103 Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val Leu Asp
104      20      25      30
105 Ala Pro
109 <210> SEQ ID NO: 7
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111 <212> TYPE: PRT
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115 Asp Ala Ala Phe Arg Glu Arg Ala Arg Leu Leu Ala Ala Leu Glu Arg
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118      20      25      30
119 Pro
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124 <211> LENGTH: 32
125 <212> TYPE: PRT
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129 Ala Ala Phe Arg Glu Arg Ala Arg Leu Leu Ala Ala Leu Glu Arg Arg
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131 His Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
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136 <211> LENGTH: 31
137 <212> TYPE: PRT
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161 <212> TYPE: PRT
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164 <400> SEQUENCE: 11
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167 Asn Ser Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
168 20 25
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176 <400> SEQUENCE: 12
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179 Ser Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
180 20 25
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 27
185 <212> TYPE: PRT
186 <213> ORGANISM: Bos taurus
188 <400> SEQUENCE: 13
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190 1 5 10 15
191 Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
192 20 25

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203 Met His Lys Leu Leu Val Leu Asp Ala Pro
204 20 25
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209 <212> TYPE: PRT
210 <213> ORGANISM: Bos taurus
212 <400> SEQUENCE: 15
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215 His Lys Leu Leu Val Leu Asp Ala Pro
216 20 25
219 <210> SEQ ID NO: 16
220 <211> LENGTH: 24
221 <212> TYPE: PRT
222 <213> ORGANISM: Bos taurus
224 <400> SEQUENCE: 16
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226 1 5 10 15
227 Lys Leu Leu Val Leu Asp Ala Pro
228 20
231 <210> SEQ ID NO: 17
232 <211> LENGTH: 23
233 <212> TYPE: PRT
234 <213> ORGANISM: Bos taurus
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239 Leu Leu Val Leu Asp Ala Pro
240 20
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244 <211> LENGTH: 22
245 <212> TYPE: PRT
246 <213> ORGANISM: Bos taurus
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250 1 5 10 15
251 Leu Val Leu Asp Ala Pro
252 20
255 <210> SEQ ID NO: 19
256 <211> LENGTH: 21
257 <212> TYPE: PRT
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260 <400> SEQUENCE: 19
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262 1 5 10 15
263 Val Leu Asp Ala Pro
264 20
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268 <211> LENGTH: 20
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270 <213> ORGANISM: Bos taurus
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274 1 5 10 15
275 Leu Asp Ala Pro
276 20
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287 Asp Ala Pro
291 <210> SEQ ID NO: 22
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293 <212> TYPE: PRT
294 <213> ORGANISM: Bos taurus
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298 1 5 10 15
299 Ala Pro
303 <210> SEQ ID NO: 23
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308 <400> SEQUENCE: 23
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311 Pro
315 <210> SEQ ID NO: 24
316 <211> LENGTH: 16
317 <212> TYPE: PRT
318 <213> ORGANISM: Bos taurus
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326 <211> LENGTH: 15
327 <212> TYPE: PRT
328 <213> ORGANISM: Bos taurus

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VERIFICATION SUMMARY

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